

90.23 - Instruments, apparatus and models, designed for demonstrational purposes (for example, in education or exhibitions), unsuitable for other uses.

This heading covers a wide range of instruments, apparatus and models designed for demonstrational purposes (e.g., in schools, lecture rooms, exhibitions) and unsuitable for other uses.

Subject to this proviso, the heading includes :

- (1) Special demonstrational machines or appliances such as the Wimshurst machine (for experiments with electricity), the Atwood machine (for demonstrating the law of gravity), Magdeburg hemispheres (for demonstrating the effects of atmospheric pressure), the Gravesande ring (for demonstrating thermal expansion), Newton's disc (for demonstrating the colour composition of white light).
- (2) Models of human or animal anatomies (whether or not articulated or fitted with electric lighting); models of stereometric bodies, of crystals, etc. Models of this kind are usually made of plastics or of compositions based on plaster.
- (3) Training dummies, constituting an inflatable life-size model of the human body with artificial respiratory parts reproducing those of a human being; used for training in the "kiss-of-life" revival method.
- (4) Cross-sectional models of ships, locomotives, engines, etc., cut to show their internal operation or the functioning of an important part; panels showing, in relief, for example, the assembly of a radio (for radiotelegraphists' schools), or the oil circulation in an engine, etc., whether or not fitted with an electric lighting system.
- (5) Show-cases and exhibit panels, etc., displaying samples of raw materials (textile fibres, woods, etc.), or showing the various stages of manufacture or processing of a product (for instruction in technical schools).
- (6) Models, etc., for artillery training, used in training courses held indoors.
- (7) Prepared slides for microscopic study.
- (8) Models of towns, public monuments, houses, etc. (of plaster, paperboard, wood, etc.).
- (9) Small scale demonstrational models (of aircraft, ships, machines, etc.) generally of metal or wood (e.g., for advertising purposes, etc.). It should, however, be noted that models suitable solely for ornamental purposes are classified in their respective headings.
- (10) Relief maps (of provinces, towns, mountain ranges, etc.), relief plans of towns, and terrestrial or celestial globes in relief, whether or not printed.

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(11) Military tank simulators which are used for the training (including advanced training) of tank drivers. These consist essentially of the following components :

- a driving cabin mounted on a movable platform,
- a viewing system consisting of a scale model of terrain and a television camera mounted on a travelling gantry,
- an instructor's console,
- a computer unit,
- a hydraulic power unit, and
- an electrical supply cabinet.

PARTS AND ACCESSORIES

Subject to the provisions of Notes 1 and 2 to this Chapter (see the General Explanatory Note), parts and accessories of apparatus or appliances of this heading remain classified here.

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The heading also **excludes** :

- (a) Printed plans, diagrams, illustrations, etc., even if designed for use in teaching, advertising, etc. (**Chapter 49**).
- (b) Ground flying trainers, of **heading 88.05**.
- (c) Articles designed for both recreational and demonstrational purposes (e.g., certain model sets of mechanical parts; mechanical or electrical toy locomotives, boilers, cranes, aircraft, etc.) (**Chapter 95**).
- (d) Automata, etc., of **heading 96.18**.
- (e) Collectors' pieces of **heading 97.05**.
- (f) Antiques (e.g., relief plans and globes) of an age exceeding 100 years (**heading 97.06**).